

ARGONNE NATIONAL LABORATORY

INTRA-LABORATORY MEMO



Advanced Photon Source

September 2, 2003

To: J. Murray Gibson

From: R. D. Hislop

Subject: 2-BM Shutter Incident

The attached report summarizes the observations and recommendations made in the “2-BM Shutter Configuration Problems” evaluation and the “ad-hoc” committee assessment of work practices on beamline critical components.

The most significant recommendation made by both groups is that APS should assume responsibility for the repair and maintenance of all beamline safety critical components.

The committees made a number of recommendations and suggestions that have been summarized in this report. The main thread of these recommendations is the centralization of as-built drawings and system documentation related to critical components, development of proper procedures for working with critical components and establishment of effective protocols to ensure that individuals assigned to work on critical components have the backgrounds and knowledge to perform the work.

A Critical Components Systems Manager has been charged to implement a process to streamline the control of critical components based on the recommendations of the two committees. To provide him with the authority and resources to meet this charge, the divisions directors will be informed and asked to provide adequate support. The progress on the implementation of the process will be reported to the APS Operations Directorate approximately once a quarter. The reporting shall continue until the process for control of critical components is complete and is to APS management’s satisfaction.

Attachment – “Management Evaluation of Work Practices Associated with Beamline Critical Components”